

What Is Claimed Is:

1. A storage system comprising at least one host computer, at least one storage device for providing a memory device to said host computer, and a management computer for managing said storage device, wherein

said management computer comprises:

means for acquiring in advance from said host computer storage configuration information that said host computer has; and

change notification means for generating change information for changing said storage configuration information that was acquired in advance and posting it to said host computer; and

said host computer comprises means for instructing a change of configuration to said storage device based on said change information posted from said management computer.

2. The storage system according to claim 1, wherein

said change information comprises first change information for preparing configuration changes of said storage device and second change information for executing

the configuration changes prepared by said first change information;

said change notification means comprises:

first notification means for posting said first change information to said host computer; and

second notification means for posting said second change information to said host computer;

said host computer comprises preparation means for preparing the configuration change to said storage device by generating configuration setting information based on said first change information; and

execution instruction means for instructing the configuration change to said storage device based on said second change information and said generated configuration setting information.

3. The storage system according to claim 2, wherein
said host computer is provided in a plurality;
said first notification means posts said first change information to each said host computer;

said second notification means post said second change information to the prescribed host computer among said host computers;

each said host computer comprises preparation means for preparing the configuration change to said storage device by generating configuration setting information based on said first change information; and

said prescribed host computer comprises execution instruction means for instructing the configuration change to said storage device based on said second change information and said generated configuration setting information.

4. The storage system according to claim 1, wherein said management computer comprises setting means for setting all or some of the parameters for generating said change information based on said storage configuration information that was acquired in advance.

5. The storage system according to claim 4, wherein the storage configuration relating to all or some of the said parameters set with said setting means is protected.

6. The storage system according to claim 1, wherein said management computer acquires the newest storage configuration information from said storage device when the

configuration of said storage device is changed based on said change information.

7. The storage system according to claim 1, wherein said management computer posts the configuration change of said storage device to another host computer which is not a notification object of said change information but is associated with the configuration change of said storage device.

8. A setting method for storage configuration information, which uses at least one host computer, at least one storage device for providing a memory device to said host computer, and a management computer for managing said storage device, wherein

said management computer:

acquires configuration information of said memory device that is provided to said host computer;

generates change information for changing said acquired storage configuration information and posts the generated change information to said host computer; and

said host computer instructs a change of configuration to said storage device based on said change information posted from said management computer.

9. A program for controlling a management computer connected via a communication network to at least one host computer and at least one storage device for providing a memory device to said host computer, said program serving for the realization of:

a function of acquiring in advance from said host computer storage configuration information that said host computer has;

a function of generating change information for changing said storage configuration information that was acquired in advance and posting it to said host computer; and

a function of acquiring the newest storage configuration information from said storage device when the configuration of said storage device is changed by said host computer instructing the configuration change to said storage device based on said posted change information.

10. A program for controlling a host computer connected via a communication network to a storage device and a management computer for managing said storage device, said program serving for the realization of:

a function of transmitting its own storage configuration information to said management computer;

a function of receiving from said management computer change information for changing said transmitted storage configuration information; and

a function of instructing a change of configuration to said storage device based on said received change information.

11. A storage system comprising a plurality of host computers, at least one storage device for respectively providing a volume to each said host computer, and a management computer for managing said storage device, wherein

said management computer comprises:

prior acquisition means for acquiring in advance from each said host computer the volume information that each said host computer has;

selection means for respectively selecting pairs of primary volumes and secondary volumes based on said acquired volume information;

first instruction means for instructing the generation of configuration setting information following said selected contents to a host computer having the

selected volume as said primary volume and a host computer having the selected volume as said secondary volume; and

second instruction means for instructing a volume copy to any one of said selected host computers, and

at least each of said selected host computers comprises:

means for generating configuration setting information following said selected contents based on the instruction from said first instruction means; and

means for instructing the volume copy to said storage device based on the instruction from said second instruction means.

12. The storage system according to claim 10, wherein said management computer comprises detection means for detecting, when host computers of a plurality of sets are selected by said selection means, a host computer which takes part in both sides of a plurality of sets, and

said second instruction means instructs to said detected host computer a volume copy that relates to a set in which the host computer takes part.